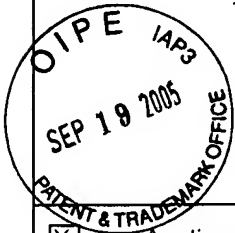


FEE TRANSMITTAL for FY 2005

(Small Entity)



Complete if Known

Application Number	10/784,731
Filing Date	February 24, 2004
First Named Inventor	A.E. COLVIN, Jr.
Examiner Name	Kremer, M.
Group Art Unit	3736
Attorney Docket Number	2232-205

☒ Applicant claims small entity status

Total Amount of Payment	(\$) 635.00	Confirmation Number	9477
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METHOD OF PAYMENT (check one)

- ☒ The Commissioner is hereby authorized to charge the fees indicated below or credit overpayment to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck
- ☒ Charge any additional fee required under 37 CFR 1.16 and 1.17 to Deposit Account No. 02-2135.
- ☐ Payment by check enclosed

FEE CALCULATION

1. FILING, SEARCH AND EXAMINATION FEES

Code	Fee	Fee Description	Fee Paid
1001	150	Utility Filing Fee	[]
	395	filed before Dec. 8, 2004	[]
1111	250	Utility Search Fee	[]
1311	100	Utility Examination Fee	[]
1002	100	Design Filing Fee	[]
	175	filed before Dec. 8, 2004	[]
1112	50	Design Search Fee	[]
1312	65	Design Examination Fee	[]
1003	100	Plant Filing Fee	[]
	275	filed before Dec. 8, 2004	[]
1113	150	Plant Search Fee	[]
1313	80	Plant Examination Fee	[]
1004	150	Reissue Filing Fee	[]
	395	filed before Dec. 8, 2004	[]
1114	250	Reissue Search Filing Fee	[]
1314	300	Reissue Examination Fee	[]
1005	100	Provisional Filing Fee	[]

SUBTOTAL \$

2. CLAIMS

	Extra Claims	Fee	Fee Paid
Total Claims [25] - 20* = [5] x		\$25 =	[125]
Independent Claims [2] - 3* = [0] x		100 =	[--]
Multiple Dependent Claims +		180 =	[--]

*or number previously paid, if greater

SUBTOTAL \$ 125.00

3. APPLICATION SIZE FEE

Total Sheets [] - 100 = []/50 = []** x \$125 =
** Number of each additional 50 or fraction thereof

SUBTOTAL \$

FEE CALCULATION (continued)

4. ADDITIONAL FEES

Fee Code	Fee Paid	Fee Description	Fee Paid
1051	65	Surcharge - late filing fee or oath	[]
1052	50	Surcharge - late provisional filing fee or cover sheet	[]
1053	130	Non-English specification	[]
1812	2,520	For filing a request for reexamination	[]
1804	920	Requesting publication of SIR prior to Examiner action	[]
1805	1,840	Requesting publication of SIR after Examiner action (reduced by basic filing fee paid)	[]
1251	60	Extension for reply within first month	[]
1252	225	Extension for reply within second month	[]
1253	510	Extension for reply within third month	[510]
1254	795	Extension for reply within fourth month	[]
1255	1,080	Extension for reply within fifth month	[]
1401	250	Notice of Appeal	[]
1402	250	Filing a brief in support of an appeal	[]
1403	500	Request for Oral Hearing	[]
1451	1,510	Petition to institute a public use proceeding	[]
1452	250	Petition to revive -unavoidable	[]
1453	750	Petition to revive - unintentional	[]
1807	50	Processing fee under 37 CFR 1.17(q)	[]
1806	180	Submission of Information Disclosure Statement	[]
1809	395	Filing a submission after final rejection (37 CFR 1.129(a))	[]
1810	395	For each additional invention to be examined (37 CFR 1.129(b))	[]
1801	395	Request for Continued Examination (RCE)	[]
1802	900	Request for expedited examination of a design application	[]
1504	300	Publication fee for early, voluntary, or normal publication	[]
1505	300	Publication fee for republication	[]
1455	200	Filing application for patent term adjustment	[]
1456	400	Request for reinstatement of term reduced	[]
1814	65	Statutory Disclaimer	[]
		Other fee (specify)	[]

SUBTOTAL \$ 510.00

09/21/2005 HAL111 00000144 022135 10784731
01 FC:2253 510.00 DA

SUBMITTED BY		Complete (if applicable)			
NAME AND REG. NUMBER		Joseph A. Hynds, Reg. No. 34,627			
SIGNATURE		DATE	September 19, 2005	DEPOSIT ACCOUNT USER ID	02-2138



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: Colvin Jr., A.

Application Serial No: 10/784,731

Filing Date: February 24, 2004

Title: Optical-Based Sensing Devices

Group Art Unit: 3736

Examiner: Kremer, M.

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT

SIR:

In response to the Office Action mailed March 17, 2005, please amend the above-identified application as indicated below.

Amendments to the Claims are reflected in the listing of claims which begins on Page 2 of this paper.

Remarks begin on Page 7 of this paper.